

Date: February 23, 2005
W.I.: 1255
Referred by: PAC
Revised: 03/23/05-C 11/02/05-DA
02/22/06-DA 09/27/06-DA
04/25/07-DA 09/28/07-DA
01/23/08-C 05/28/08-C
06/25/08-DA 12/17/08-DA
10/28/09-C 12/16/09-C
07/27/11-DA 09/28/11-C

ABSTRACT

MTC Resolution No. 3682, Revised

This resolution approves the allocation of Regional Measure 2 funds for the TransLink® project sponsored by Metropolitan Transportation Commission (MTC) and the various Bay Area transit operators identified in Attachment A of this resolution, who are the implementing agencies. This resolution also transfers funds previously allocated under MTC Resolution No. 3657 to this resolution and supersedes MTC Resolution No. 3657.

This resolution includes the following attachments:

- Attachment A - Allocation Summary Sheets
- Attachment B - Project Specific Conditions
- Attachment C - MTC staff's review of Initial Project Reports (IPRs)
- Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan

This resolution was revised on March 23, 2005 to approve an allocation to MTC for TransLink® Support work. The attachments, A-3 through D-3 provide additional information on the allocation approval.

This resolution was revised on November 2, 2005 by Delegated Authority to approve a \$150,000 allocation to the Santa Clara Valley Transportation Authority for the VTA/Caltrain TransLink® Ticket Vending Machine Integration project. The attachments, A-4 through D-4 provide additional information on the allocation approval.

This resolution was revised on February 22, 2006 by Delegated Authority to approve \$20,000 to MTC for TransLink® program technical assistance for VTA's Ticket Vending Machine Integration Project.

ABSTRACT

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This resolution was revised on September 27, 2006 by Delegated Authority to allocate \$726,000 to VTA for final design of the Consortium Information Management System.

This resolution was revised on April 25, 2007 by Delegated Authority to allocate \$15,000 to MTC for assessing regional integration requirements of Golden Gate Transit's TransLink® Ferry Fare Gates project.

This resolution was revised on September 28, 2007 by Delegated Authority to allocate \$290,000 to MTC for SFMTA TransLink® Faregate integration work and \$90,000 to SFMTA for TransLink® faregate integration support efforts.

This resolution was revised on January 23, 2008 to allocate \$1,718,000 (final design and construction phases) to VTA for the Ticket Vending Machine Integration Project.

This resolution was revised on May 28, 2008 to allocate \$1,474,000 (construction phase) to VTA for the Consortium Information Management System.

This resolution was revised on June 25, 2008 by Delegated Authority to allocate \$200,000 (final design) to MTC for the TransLink® Reconciliation and Settlement Support Project.

This resolution was revised on December 17, 2008 by Delegated Authority to allocate \$50,000 in final design funds to MTC for the TransLink® Ticket Vending Machine Integration Project.

This resolution was revised on October 28, 2009 to allocate \$2,301,818 towards installation and procurement of new automatic fare collection equipment that will integrate with TransLink(r) and to provide associated support services.

This resolution was revised on December 16, 2009 to allocate \$1,738,000 to GGBH&TD to purchase and install an automated passenger counting and ticket system that is TransLink® and single ticket compatible at the San Francisco Ferry Terminal, AT&T Park, Larkspur Ferry Terminal, and Sausalito Ferry Landing.

ABSTRACT

MTC Resolution No. 3682, Revised

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This resolution was revised via Delegated Authority on July 27, 2011 to allocate \$1,000,000 to MTC towards improvements on the existing Clipper[®] system and expansion of Clipper[®] to other transit agencies.

This resolution was revised on September 28, 2011 to rescind \$1,054,207 from prior allocations to the Clipper[®] Integration and the Clipper[®] Reconciliation & Settlement Support projects and allocate \$1,295,207 to the Clipper[®] Capital project towards improvements on the existing Clipper[®] system and expansion of Clipper[®] to other transit agencies.

Additional discussion of this allocation is contained in the memorandum to the MTC Programming and Allocations Committee dated February 9, 2005, March 2, 2005, January 9, 2008, May 14, 2008, October 14, 2009, December 9, 2009 and September 14, 2011.

Date: February 23, 2005
W.I.: 1255
Referred by: PAC

Re: Approval of Allocation of Regional Measure 2 funds for the TransLink® Project

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION No. 3682

WHEREAS, pursuant to Government Code Section 66500 *et seq.*, the Metropolitan Transportation Commission (“MTC”) is the regional transportation planning agency for the San Francisco Bay Area; and

WHEREAS, Streets and Highways Code Sections 30950 *et seq.* created the Bay Area Toll Authority (“BATA”) which is a public instrumentality governed by the same board as that governing MTC; and

WHEREAS, on March 2, 2004, voters approved Regional Measure 2, increasing the toll for all vehicles on the seven state-owned toll bridges in the San Francisco Bay Area by \$1.00, with this extra dollar funding various transportation projects within the region that have been determined to reduce congestion or to make improvements to travel in the toll bridge corridors, as identified in SB 916 (Chapter 715, Statutes of 2004), commonly referred as Regional Measure 2 (“RM2”); and

WHEREAS, RM2 establishes the Regional Traffic Relief Plan and lists specific capital projects and programs and transit operating assistance eligible to receive RM2 funding as identified in Streets and Highways Code Sections 30914(c) & (d); and

WHEREAS, RM2 assigns administrative duties and responsibilities for the implementation of the Regional Traffic Relief Plan to MTC; and

WHEREAS, BATA shall fund the projects of the Regional Traffic Relief Plan by transferring RM2 authorized funds to MTC; and

WHEREAS, MTC adopted policies and procedures for the implementation of the Regional Measure 2 Regional Traffic Relief Plan, which specifies the allocation criteria and project compliance requirements for RM 2 funding (MTC Resolution No. 3636); and

WHEREAS, TransLink®, sponsored by the Metropolitan Transportation Commission, is identified as capital project number 18 under RM 2 and is eligible to receive RM 2 funding as identified in Streets and Highways Code Sections 30914(c); and

WHEREAS, the Metropolitan Transportation Commission, through the TransLink® Management Group, has approved an unconstrained and unprioritized list of projects and corresponding implementing agencies eligible to receive funds under capital project number 18; and

WHEREAS, each implementing agency will submit an Initial Project Report (“IPR”), as required pursuant to Streets and Highway Code Section 30914(e), to MTC for review and approval for each project allocation request; and

WHEREAS, Attachment A to this resolution, attached hereto and incorporated herein as though set forth at length, lists the project and phase for which the implementing agency is requesting RM2 funding and the reimbursement schedule and amount recommended for allocation by MTC staff; and

WHEREAS, Attachment B to this resolution, attached hereto and incorporated herein as though set forth at length, lists the required project specific conditions which must be met prior to execution of the allocation and any reimbursement of RM2 funds for each implementing agency; and

WHEREAS, Attachment C to this resolution, attached hereto and incorporated herein as though set forth at length, includes MTC staff’s review of each implementing agency’s Initial Project Report (IPR) for this project; and

WHEREAS, Attachment D attached hereto and incorporated herein as though set forth at length, lists the cash flow of RM2 funds and complementary funding for the deliverable/useable RM2 project segment; and

WHEREAS, the claimants to which funds are allocated under this resolution have certified that the projects and purposes listed and recorded in the attachments are in compliance with the requirements of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.), and with the State Environmental Impact Report Guidelines (14 California Code of Regulations Section 15000 et seq.); now, therefore, be it

RESOLVED, that the RM2 funds allocated to BART under MTC Resolution No. 3657, as part of capital project number 18 under RM2, are hereby transferred to this resolution and Resolution No. 3657 is hereby superseded by this resolution; and be it further

RESOLVED, that MTC approves MTC staff's review of the requesting implementing agency's IPR for this project as set forth in the Attachment C; and be it further

RESOLVED, that MTC approves the allocation and reimbursement of RM2 funds in accordance with the amount and reimbursement schedule for the phase, and activities as set forth in the Attachment A; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the implementing agency complying with the provisions of the Regional Measure 2 Regional Traffic Relief Plan Policy and Procedures as set forth in length in MTC Resolution 3636; and be it further

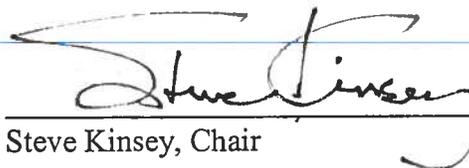
RESOLVED, that the allocation and reimbursement of RM2 funds are further conditioned upon the project specific conditions as set forth in Attachment B; and, be it further

RESOLVED, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the availability and expenditure of the complementary funding as set forth in Attachment D; and be it further

RESOLVED, that reimbursement of RM2 funds as set forth in Attachment A is subject to the availability of RM2 funding; and be it further

RESOLVED, that a certified copy of this resolution, shall be forwarded to the project sponsor.

METROPOLITAN TRANSPORTATION COMMISSION



Steve Kinsey, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in Oakland, California, on February 23, 2005.

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: TransLink® Integration
Sponsor: Metropolitan Transportation Commission
Project Number: 18.3

Allocation No. 18.3-1					
Activities to be funded with Allocation #1:					
Specifically, the TransLink® Contractor's scope of work includes four tasks:					
1. Integrate TransLink® functionality into TVMs in BART stations so that TVMs can load e-cash on to the TransLink® card;					
2. Integrate TransLink® functionality to enable AFMs to load e-cash;					
3. Enable TVMs and AFMs to load BART High-Value Discount (HVD) e-purse amounts to TransLink® cards (and conduct inquiries on the BART HVD e-purse); and					
4. Enable TVMs to conduct inquiries for all value (i.e., e-cash and products) stored on a TransLink® card.					
This work is expected to be completed in November 2006.					
Funding Information for Allocation #1:					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
06368205	23-Mar-05	\$ 1,020,000	CON	FY 2005-06	\$ 1,020,000
07368206	23-Mar-05	\$ 1,019,000	CON	FY 2006-07	\$ 2,039,000
07368206	28-Sep-11	(\$856,558)	CON	FY 2006-07	\$ 1,182,442

Allocation No. 18.3-2					
Activities to be funded with Allocation #2:					
To provide technical expertise regarding Translink system requirements during VTA's development of its request for proposals (RFP) for the SCVTA and Caltrain TransLink® Ticket Vending Machine Integration Project. MTC will request a Change Order (CO) with the TransLink® contractor ERG Transit Systems to assist with the technical development of VTA's RFP. This work is expected to be completed in April 2006.					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
06368208	22-Feb-06	\$ 20,000	PSE	FY 2005-06	\$ 1,202,442
06368208	28-Sep-11	(\$5,000)	PSE	FY 2005-06	\$ 1,197,442

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: TransLink® Integration
Sponsor: Metropolitan Transportation Commission
Project Number: 18.3

Allocation No. 18.3-3						
Activities to be funded with Allocation #3:						
To provide technical expertise regarding Translink system requirements during GGT's development of its request for proposals (RFP) for the Golden Gate Ferry Fare Gate Project. MTC will request a Change Order (CO) with the TransLink® contractor Motorola to assist with the technical development of GGT's RFP. This work is expected to be completed in July 2006.						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
07368210	25-Apr-07	\$ 15,000	PSE	FY 2006-07	\$	1,212,442
07368210	28-Sep-11	(\$15,000)	PSE	FY 2006-07	\$	1,197,442

Allocation No. 18.3-4						
Activities to be funded with Allocation #4:						
Provide consultant services to help facilitate MTA's faregate/ticket vending machine procurement and implementation interfaces between TransLink® functionality and the Muni Metro system faregates.						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
08368211	28-Sep-07	\$ 290,000	PSE	FY 2007-08	\$	1,487,442
08368211	28-Sep-11	(\$6,313)	PSE	FY 2007-08	\$	1,481,129
09368217	17-Dec-08	\$ 50,000	PSE	FY 2008-09	\$	1,531,129
09368217	28-Sep-11	(\$45,478)	PSE	FY 2008-09	\$	1,485,651

**REGIONAL MEASURE 2 PROGRAM
Allocation of Funds**

Project Title: TransLink® Reconciliation & Settlement Support
Sponsor: TransLink® Consortium
Implementing Agency: Metropolitan Transportation Commission
Project Number: 18.7

Allocation No. 18.7-1						
Activities to be funded with Allocation #1:						
Facilitate the implementation of TransLink® on the participating transit operators' systems and develop standard operating procedures for the reconciliation and analysis of TransLink® data.						
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date	
08368216	25-Jun-08	\$ 200,000	PSE	FY 2007-08	\$ 200,000	
08368216	28-Sep-11	\$ (125,858)	PSE	FY 2007-08	\$ 74,142	

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

Project Title: Clipper® Capital
Sponsor: Metropolitan Transportation Commission
Project Number: 18.8

Allocation No. 18.8 - 1 & 2					
Activities to be funded with Allocation:					
<ol style="list-style-type: none"> 1. Improve the customer experience through new/improved customer interfaces (improved customer service, website, mobile apps, in-person kiosk, etc.); 2. Increase market penetration, including potentially expanding Clipper® to new transit agencies; 3. Support operational scalability, efficiency and technology migration through potential projects like enhanced disaster recovery capabilities and installation of card readers to fill gaps in coverage as well as initial planning for the 'next generation' of Clipper® technology; 4. Perform contract management functions to assure contractor and system/process accountability; 5. Provide staff resources to manage and deliver the above scope of work. 					
Allocation Instruction No.	Approval Date	Amount	Phase	Reimbursement Year	Cumulative Total To Date
12368220	27-Jul-11	\$ 1,000,000	CON	FY 2011-12	\$ 1,000,000
12368221	28-Sep-11	\$ 1,295,207	CON	FY 2011-12	\$ 2,295,207

RM2 Project Number: **18.3** TransLink®: Regional Integration

Lead Sponsor TransLink® Consortium	Other Sponsors(s) N/A	Implementing Agency (if applicable) Metropolitan Transportation Commission
Legislated Project Description Integrate the Bay Area's regional smart card fare payment system, TransLink®, with operator fare collection equipment and expand system to new transit services.		
RM2 Legislated Funding (in \$1,000) Total Overall Funding for Project #18 - \$22,000 18.1 TransLink® - BART (\$9,680) 18.2 TransLink® - Golden Gate (\$2,000) 18.3 Translink® - MTC (\$1,485) 18.4 TransLink® - VTA (\$1,868) 18.5 TransLink® - CIMS (\$2,200) 18.6 TransLink® - SF MTA (\$2,391) 18.7 TransLink® - MTC (\$74) 18.8 TransLink® - MTC (\$2,295)		Project # 18.3 - Total Estimated Project Cost (in \$1,000) 18.3 TransLink® - MTC (\$1,615)
Project Purpose and Description MTC has secured the services of Motorola/ERG, under a design-build-operate-and-maintain (DBOM) contract, to implement TransLink®. MTC is working with transit operators throughout the region to implement TransLink® alongside an operator's existing fare collection systems. In order to deploy the TransLink® system effectively, an overall regional TransLink® Contractor will perform the required regional implementation. In some instances, various operators around the region will work with the regional TransLink® Contractor to integrate portions of their existing fare collection system with TransLink®. These operators will perform counterpart work on their end in order to complete the integration.		
Funding Description Committed Funds: This project is fully funded through RM2. Uncommitted Funds: None. Operating Capacity: The fare gate operations and maintenance are to be fully funded by the respective transit operators. The overall TransLink® program will be operated jointly by the TransLink® Consortium, composed of MTC and transit operators, in accordance with adopted operating rules.		

Overall Project Cost and Schedule

Phase	Scope	Start	End	Cost (in \$1,000)
1	Final Environmental Document	N/A	N/A	
2	Plans, Specifications and Estimates	N/A	N/A	\$433
3	Right-of-Way	N/A	N/A	
4	Construction	02/2006	09/2008	\$1,182

Total: \$1,615

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	TransLink®: Integration						Project No. 18.3			
Lead Sponsor	TransLink® Consortium									
Implementing Agency	MTC									

Fund Source	Phase	Prior	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	Future	Total
Committed										
RM2 - BART	Construction			1,020	162					1,182
RM2 - VTA	PSE			15						15
RM2 - GGT	PSE									0
RM2 - SFMTA/MTC	PSE					284	4			288
RM 2 Marketing - SFMTA	PSE					130				130
RM2-MTC	PSE									0
										0
Total:		0	0	1,035	162	414	4	0	0	1,615
Uncommitted										
										0
										0
										0
Total:		0	0	0	0	0	0	0	0	0
Total Project Committed and Uncommitted										
Total:		0	0	1,035	162	414	4	0	0	1,615

RM2 Project Number: 18.8 Clipper® Capital

Lead Sponsor Metropolitan Transportation Commission	Other Sponsors(s) N/A	Implementing Agency (if applicable) Metropolitan Transportation Commission
Legislated Project Description Integrate the Bay Area's regional smart card fare payment system, TransLink®, with operator fare collection equipment and expand system to new transit services.		
RM2 Legislated Funding (in \$1,000) Total Overall Funding for Project #18 - \$22,000 18.1 TransLink® - BART (\$9,680) 18.2 TransLink® - Golden Gate (\$2,000) 18.3 Translink® - MTC (\$1,485) 18.4 TransLink® - VTA (\$1,868) 18.5 TransLink® - CIMS (\$2,200) 18.6 TransLink® - SF MTA (\$2,391) 18.7 TransLink® - MTC (\$74) 18.8 TransLink® - MTC (\$2,295)	Project # 18.8 - Total Estimated Project Cost (in \$1,000) 18.8 TransLink® - MTC (\$8,732)	
Project Purpose and Description Simplify fare payment for transit riders including those transferring across systems; modernize fare collection system and better position transit for future change; improve data collection for service planning; decrease fare evasion and related revenue loss.		
Funding Description Committed Funds: This project is funded through RM2, STA and STP funds. Uncommitted Funds: None. Operating Capacity: MTC or the respective operating agency.		

Overall Project Cost and Schedule

Phase	Scope	End	Cost (in \$1,000)
1	Final Environmental Document	N/A	\$0
2	Plans, Specifications and Estimates	N/A	\$0
3	Right-of-Way	N/A	\$0
4	Construction	06/2013	\$8,732
Total:			\$8,732

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

Project Title	Clipper® Capital	Project No.	18.8
Lead Sponsor	MTC		
Implementing Agency	MTC		

Fund Source	Phase	Prior	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Future	Total
Committed										
RM2 (18)	CON							2,295		2,295
RM2 (35)	CON							1,000		1,000
STA CAP	CON							2,372		2,372
STP	CON							3,065		3,065
										0
										0
										0
Total:		0	0	0	0	0	0	8,732	0	8,732
Uncommitted										
										0
										0
										0
Total:		0	0	0	0	0	0	0	0	0
Total Project Committed and Uncommitted										
		Prior	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Future	Total
Total:		0	0	0	0	0	0	8,732	0	8,732

**REGIONAL MEASURE 2 PROGRAM
Project Cash Flow Plan**

March 23, 2005
Attachment D-3
MTC Resolution No. 3682
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Revised: 02/22/06-DA
04/25/07-DA
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12/17/08-DA
09/28/11-C

Project Title: TransLink® MTC Integration
Sponsor: Metropolitan Transportation Commission
RM2 Project Number: 18.3

RM2 Project # 18.3	PRIOR	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	TOTAL
RM2 Funds Total	-	1,035,000	162,442	283,687	4,522	-	1,485,651
Environmental (ENV)	0	0	0	0	0	0	0
							0
							0
							0
							0
Final Design (PS&E)	0	15,000	0	413,687	4,522	0	433,209
RM 2 - VTA		15,000					15,000
RM 2 -GGT							0
RM 2 - SFMTA				283,687	4,522		288,209
RM 2 Marketing - SFMTA				130,000			130,000
Right of Way	0	0	0	0	0	0	0
							0
							0
							0
							0
Construction	0	1,020,000	162,442	0	0	0	1,182,442
RM 2 - BART		1,020,000	162,442				1,182,442
							0
							0
							0
TOTAL FUNDING							
Environmental	0	0	0	0	0	0	0
Final Design (PS&E)	0	15,000	0	413,687	4,522	0	433,209
Right of Way	0	0	0	0	0	0	0
Construction	0	1,020,000	162,442	0	0	0	1,182,442
PROJECT TOTAL	0	1,035,000	162,442	413,687	4,522	0	1,615,651

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

June 25, 2008
Attachment D-7
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Project Title: TransLink® Reconciliation & Settlement Support
Sponsor: Metropolitan Transportation Commission
Implementing Agency: Metropolitan Transportation Commission
RM2 Project Number: 18.7

	PRIOR	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2008-12	FY 2008-13	TOTAL
RM2 Funds Total	-	-	-	-	50,000	24,142	-	-	74,142
Environmental (ENV)	0	0	0	0	0	0	0	0	0
									0
									0
									0
									0
Final Design (PS&E)	98,425	0	0	0	50,000	24,142	0	0	172,567
STA	98,425								98,425
RM2					50,000	24,142			74,142
									0
									0
Right of Way	0	0	0	0	0	0	0	0	0
									0
									0
									0
									0
Construction	0	0	0	0	0	0	0	0	0
									0
									0
									0
									0
TOTAL FUNDING									
Environmental	0	0	0	0	0	0	0	0	0
Final Design (PS&E)	98,425	0	0	0	50,000	24,142	0	0	172,567
Right of Way	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0
PROJECT TOTAL	98,425	0	0	0	50,000	24,142	0	0	172,567